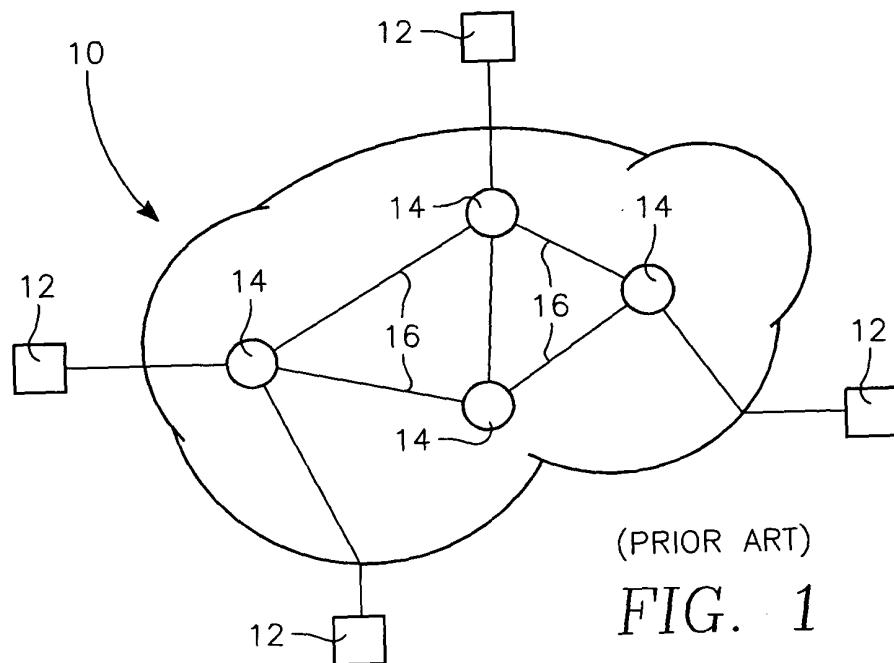


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(PRIOR ART)

FIG. 1

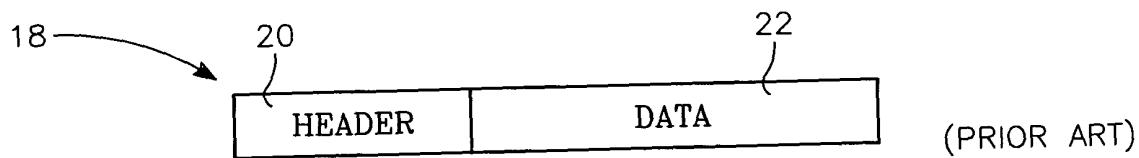


FIG. 2

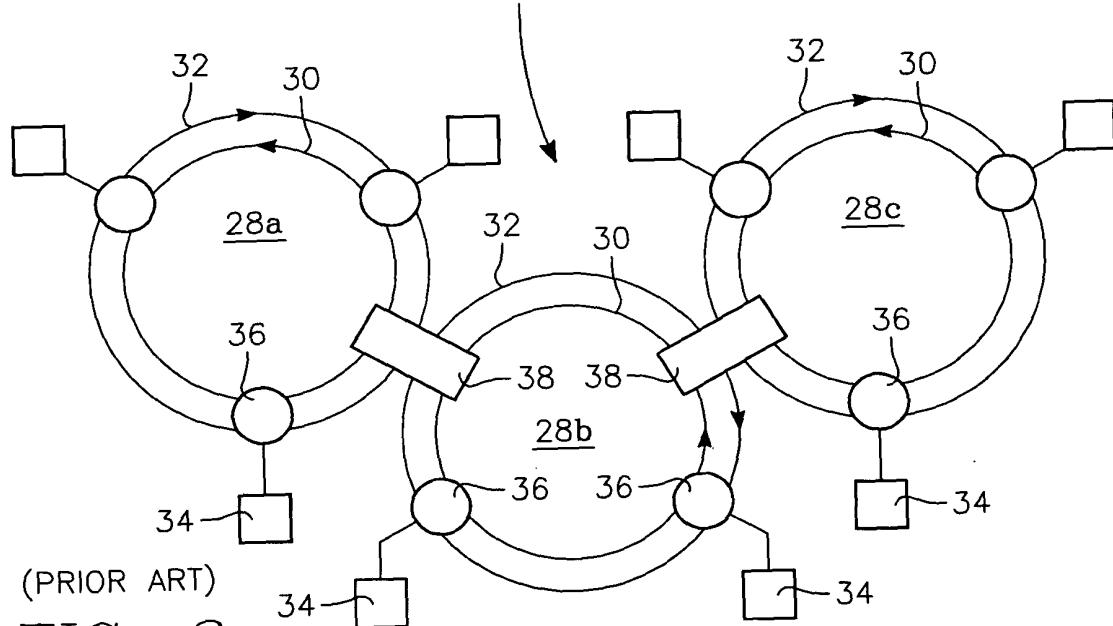


FIG. 3

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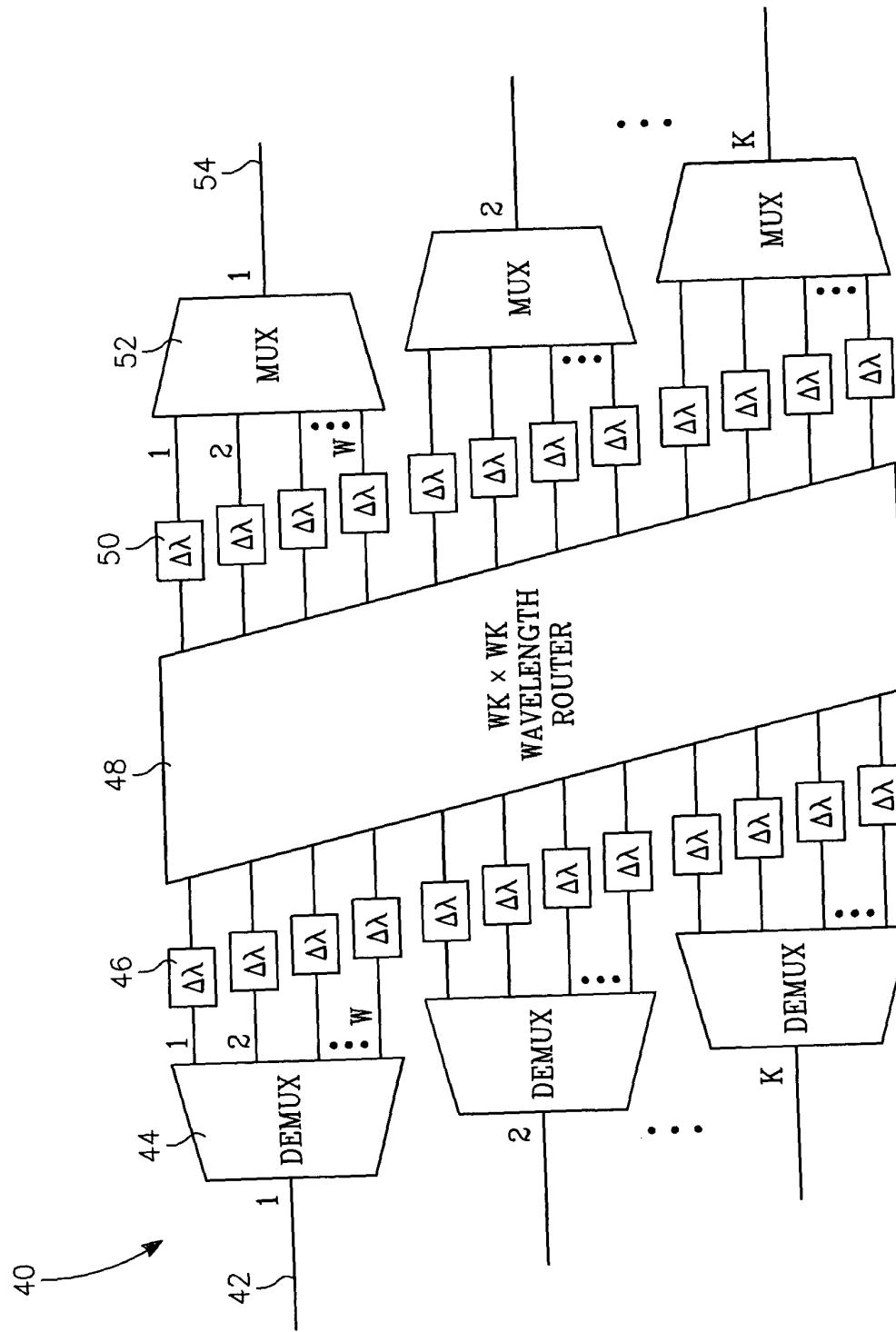


FIG. 4

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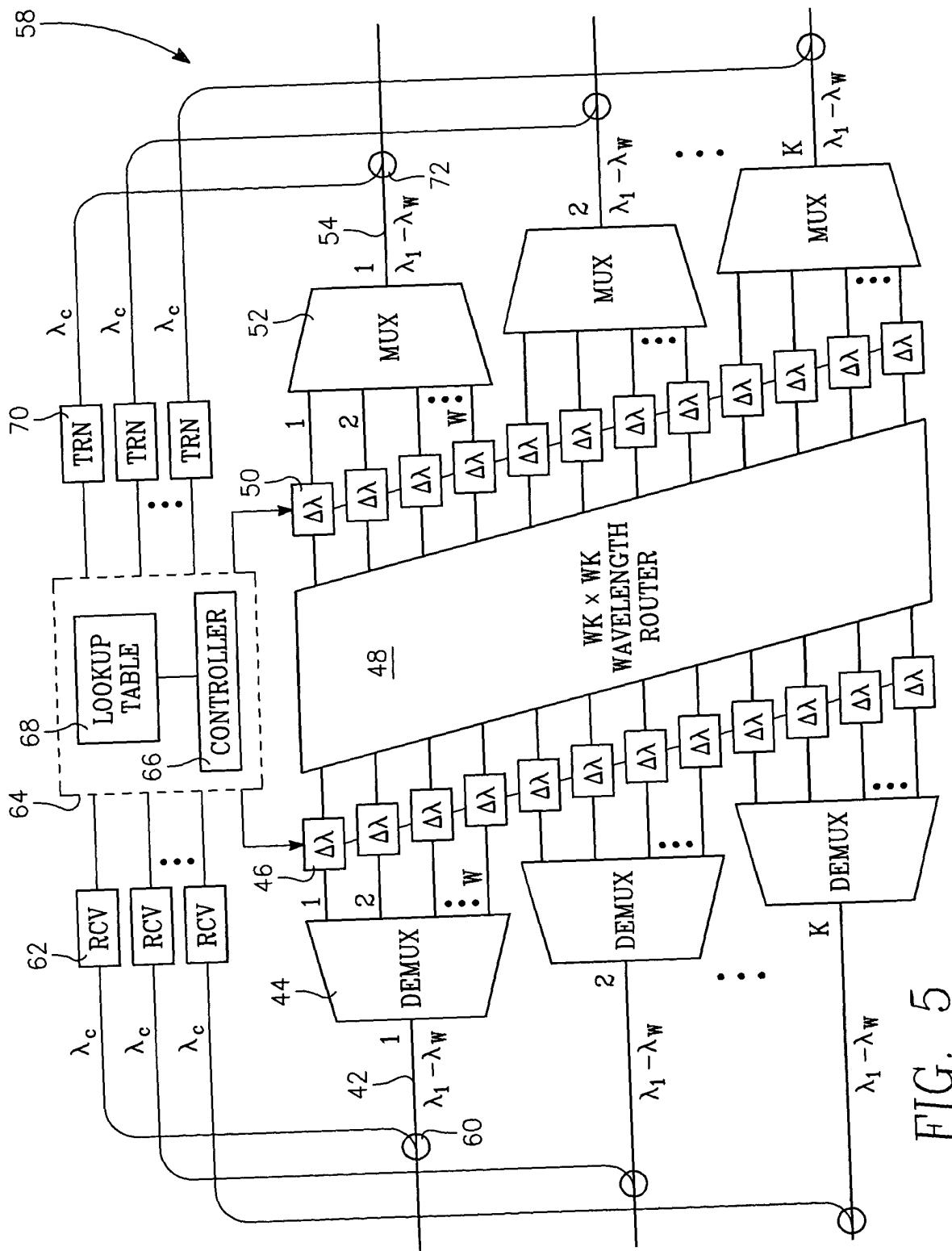


FIG. 5

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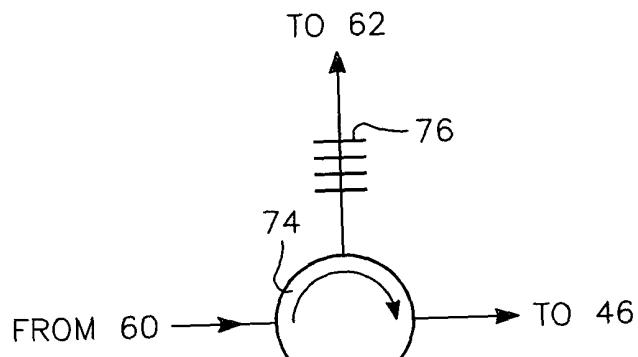


FIG. 6

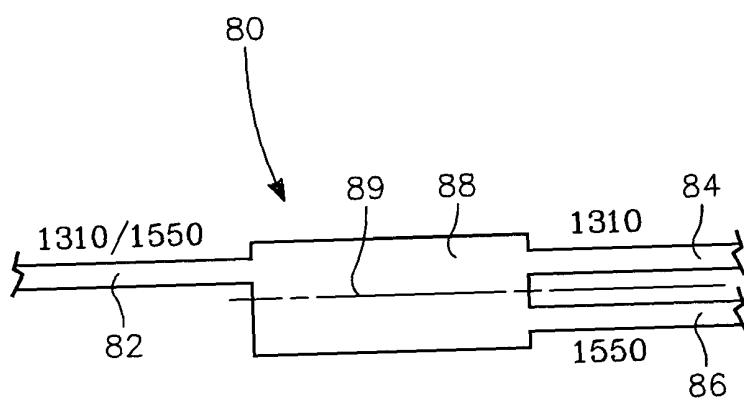
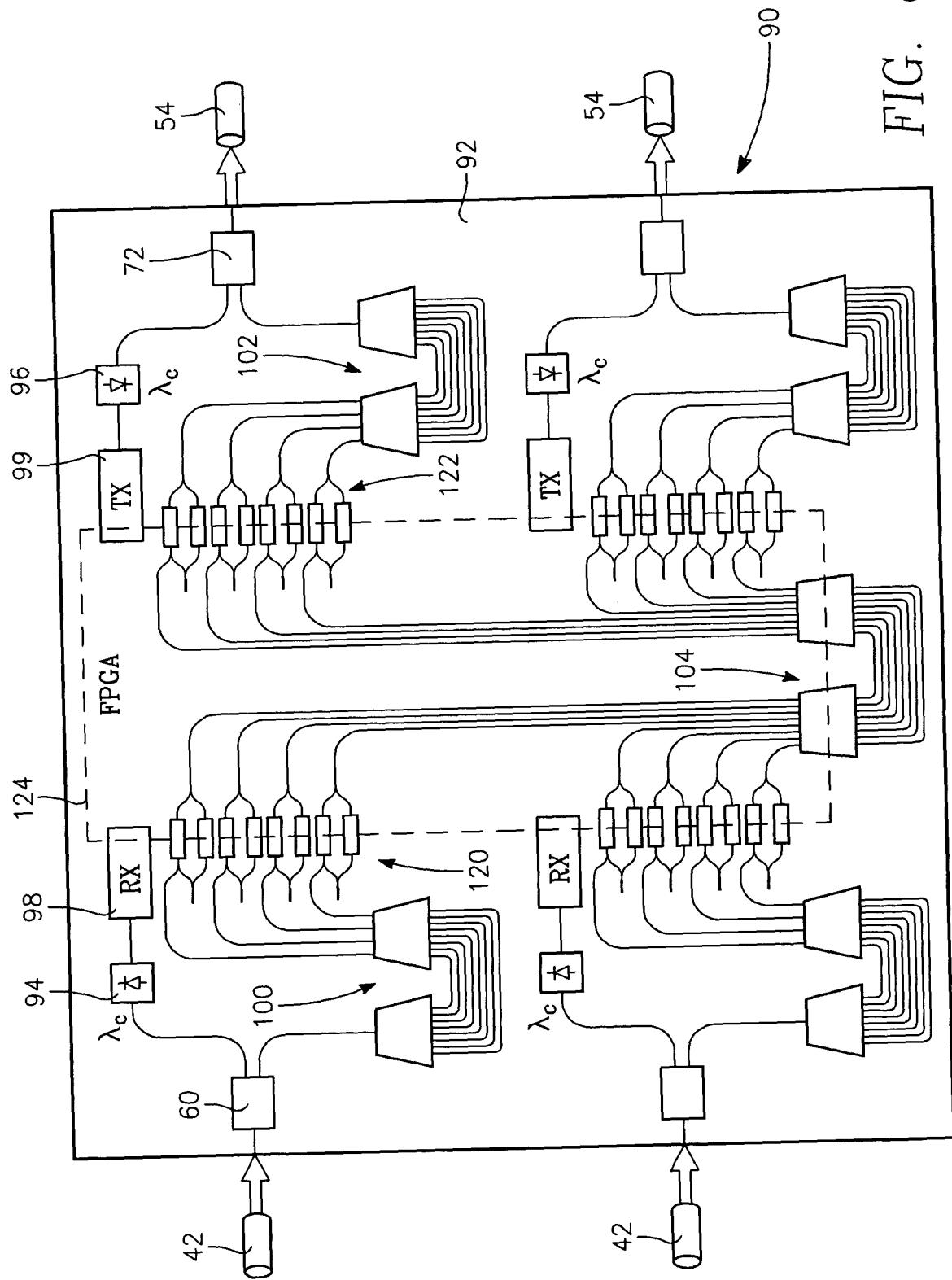


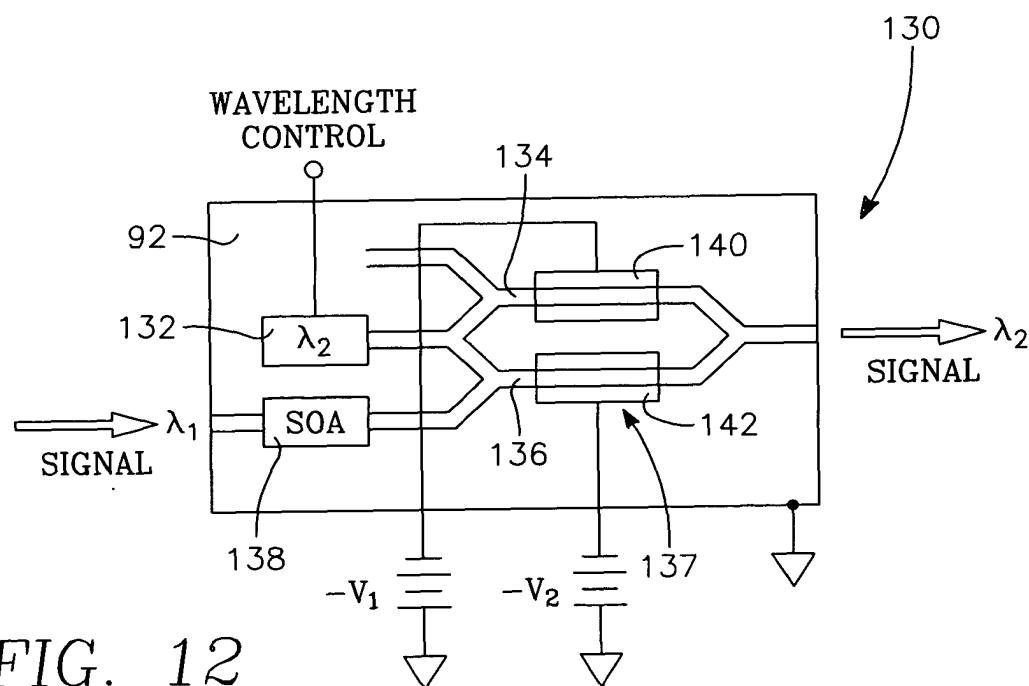
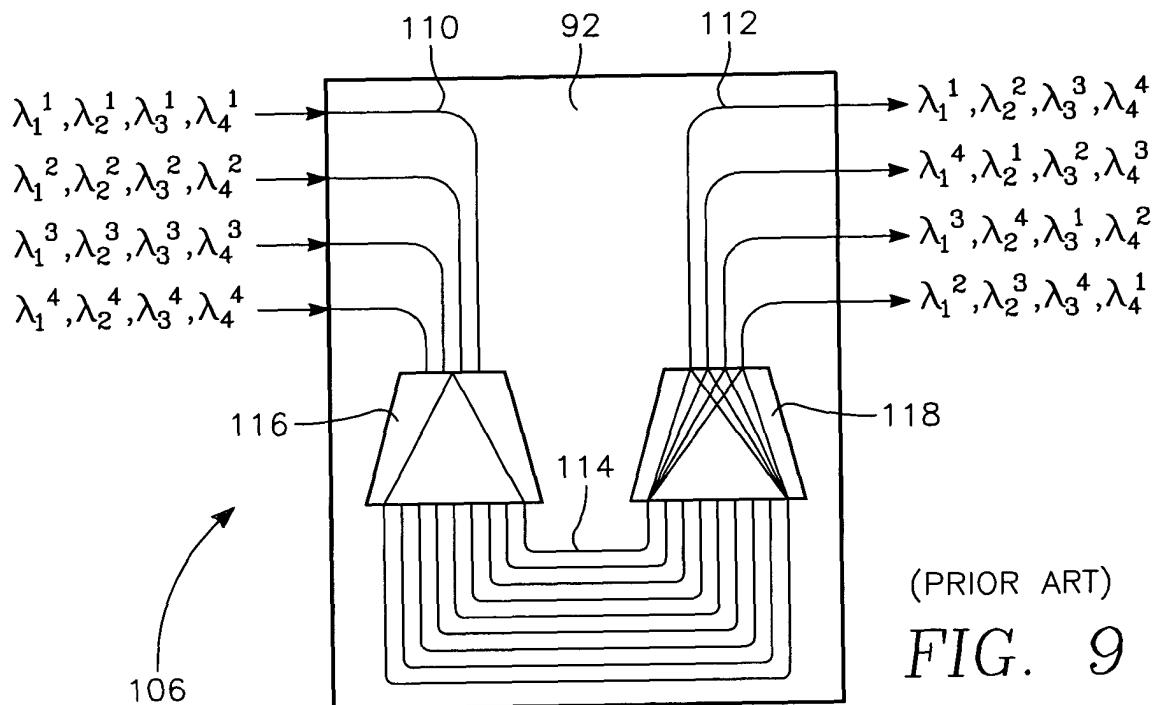
FIG. 7

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FIG. 8



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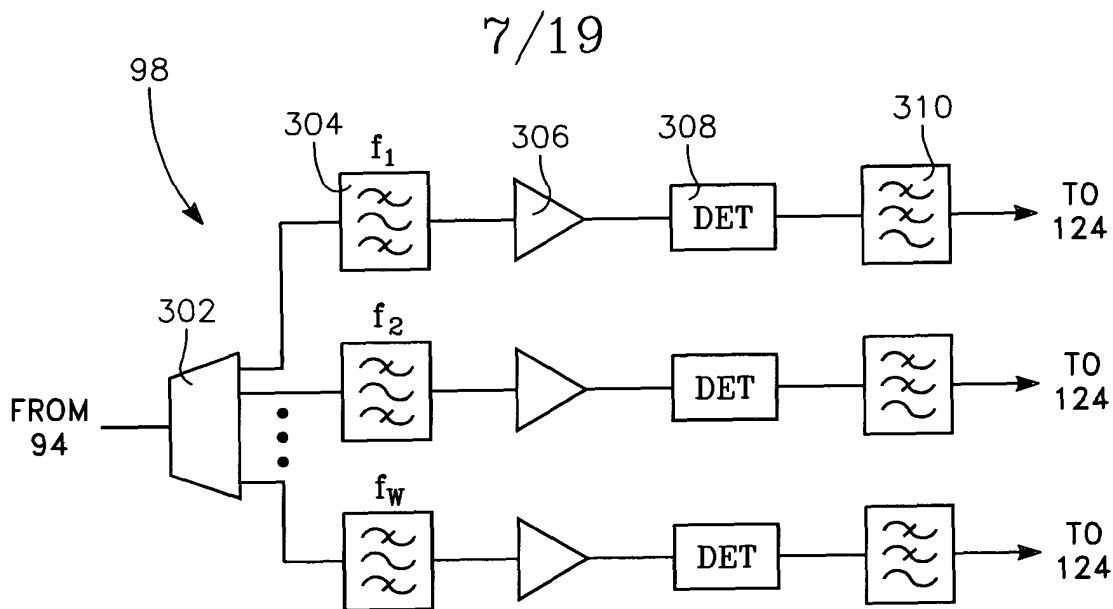


FIG. 10

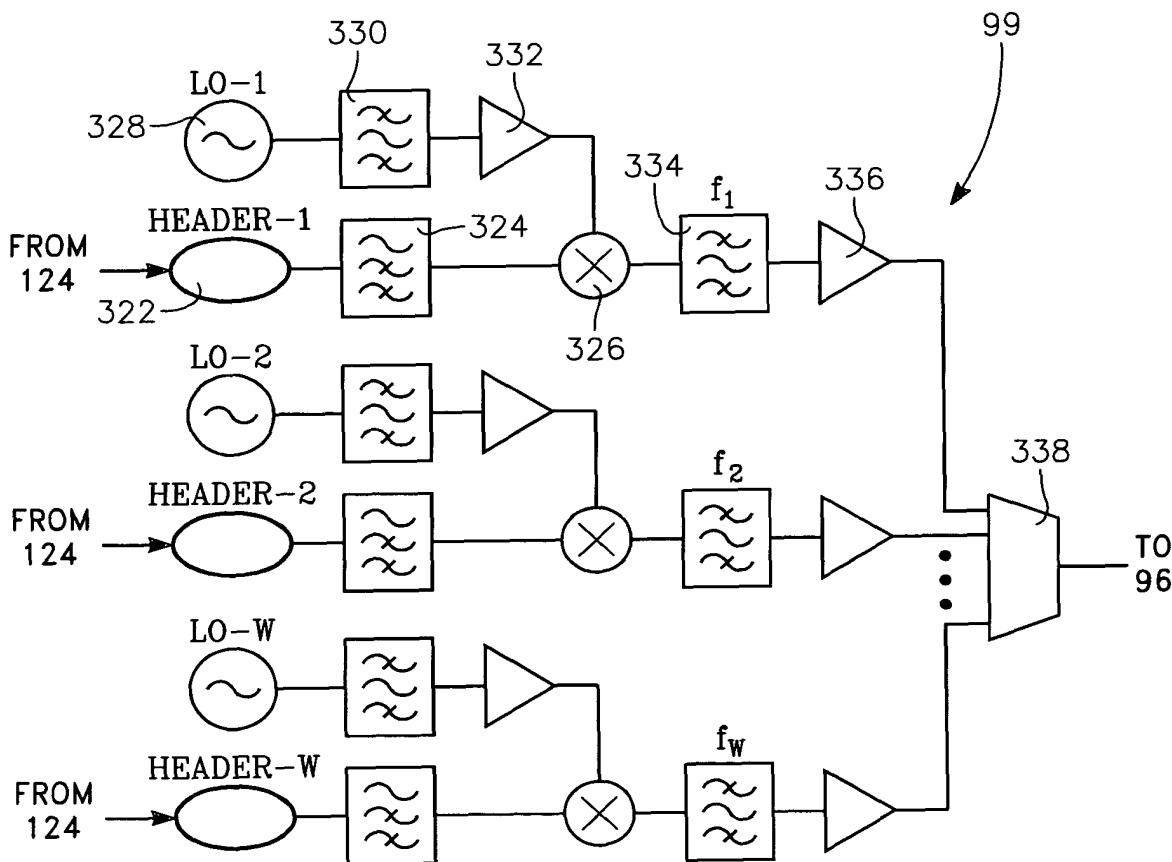


FIG. 11

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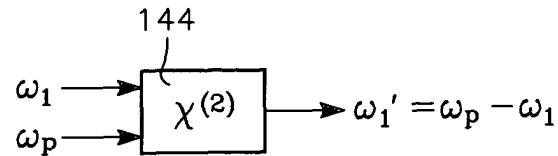


FIG. 13

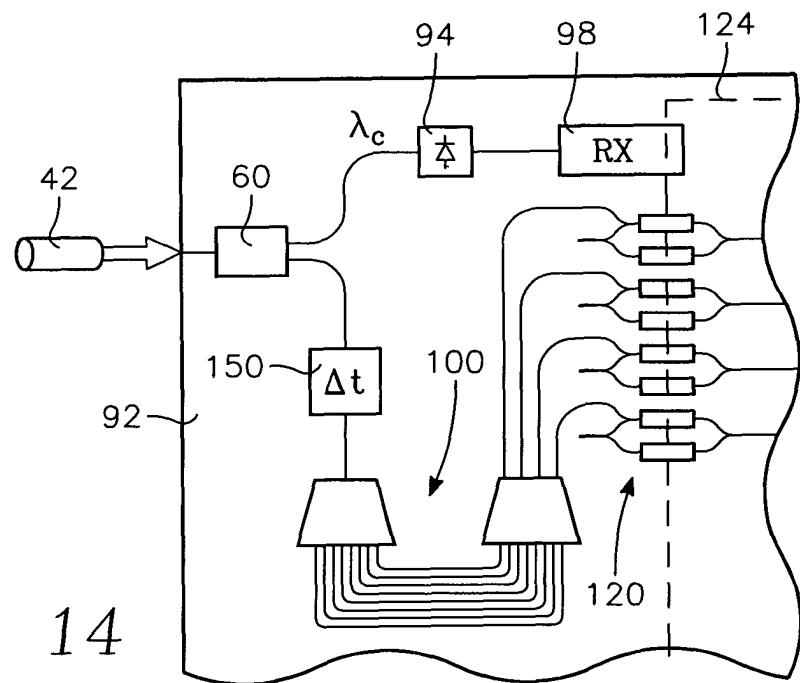


FIG. 14

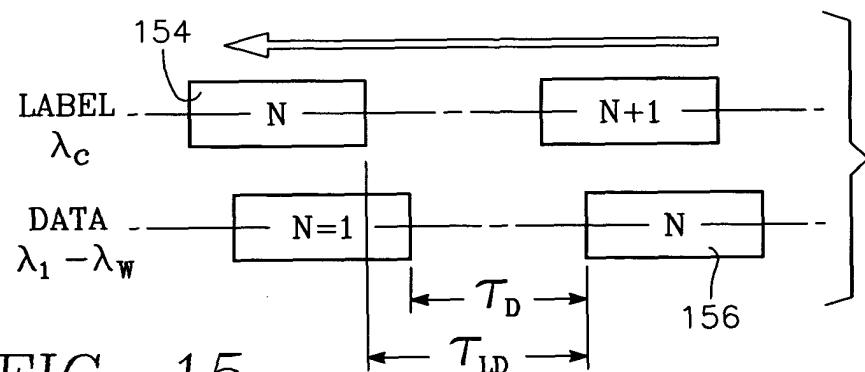


FIG. 15

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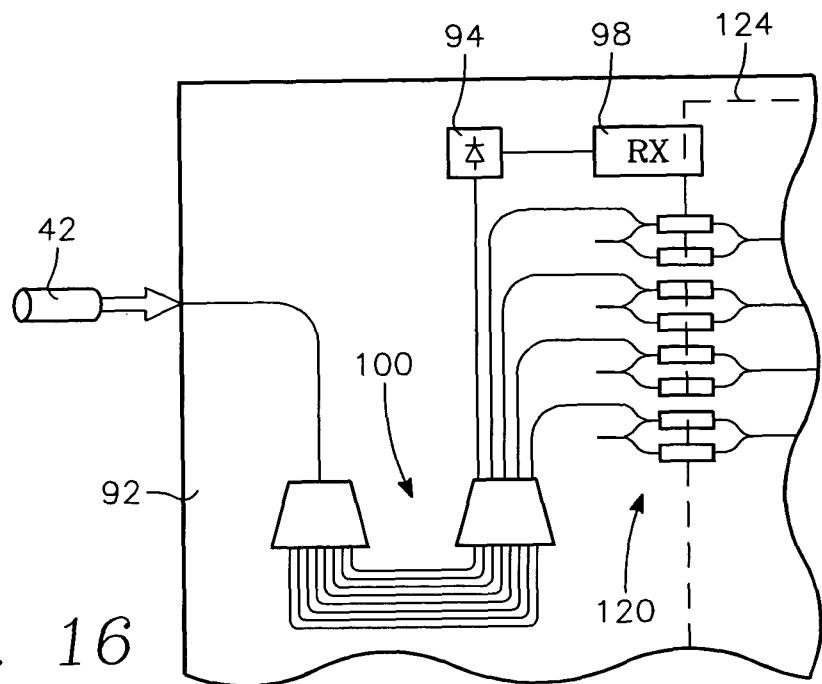


FIG. 16

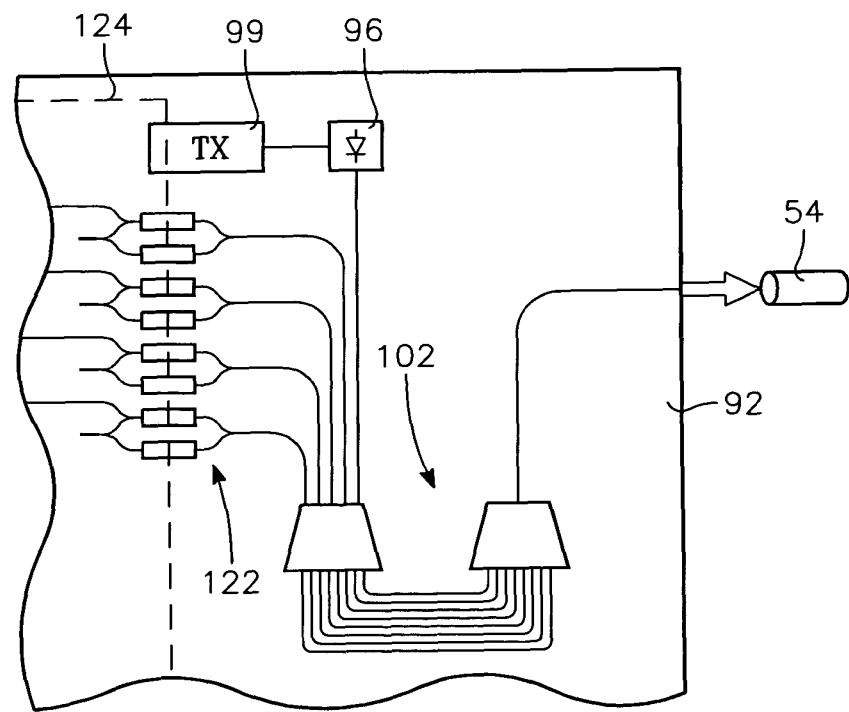


FIG. 17

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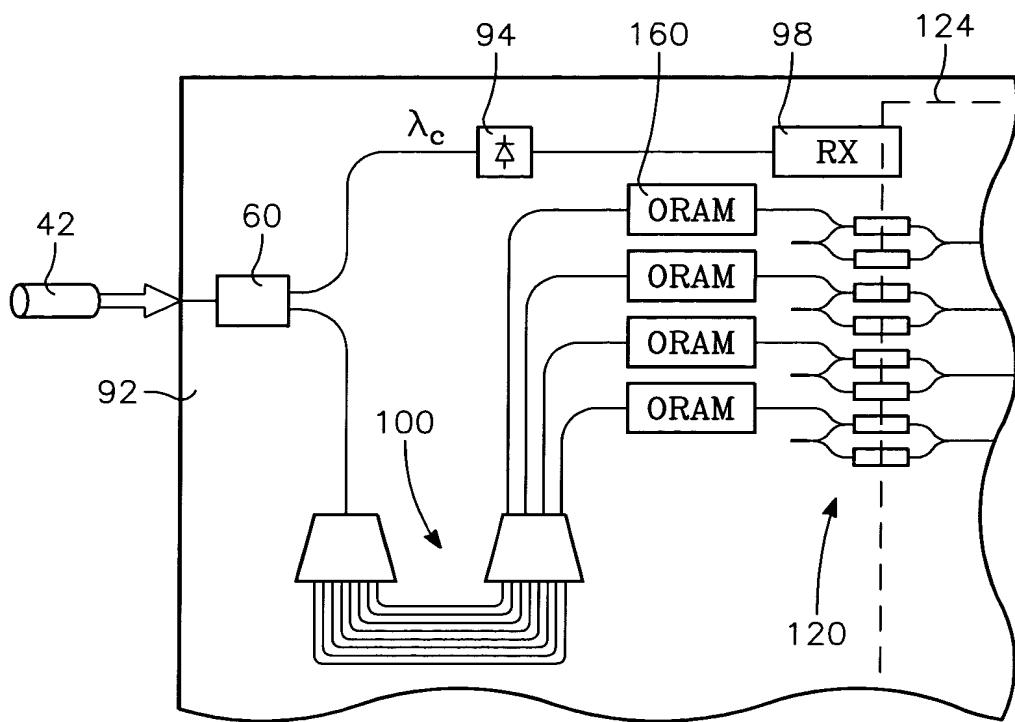


FIG. 18

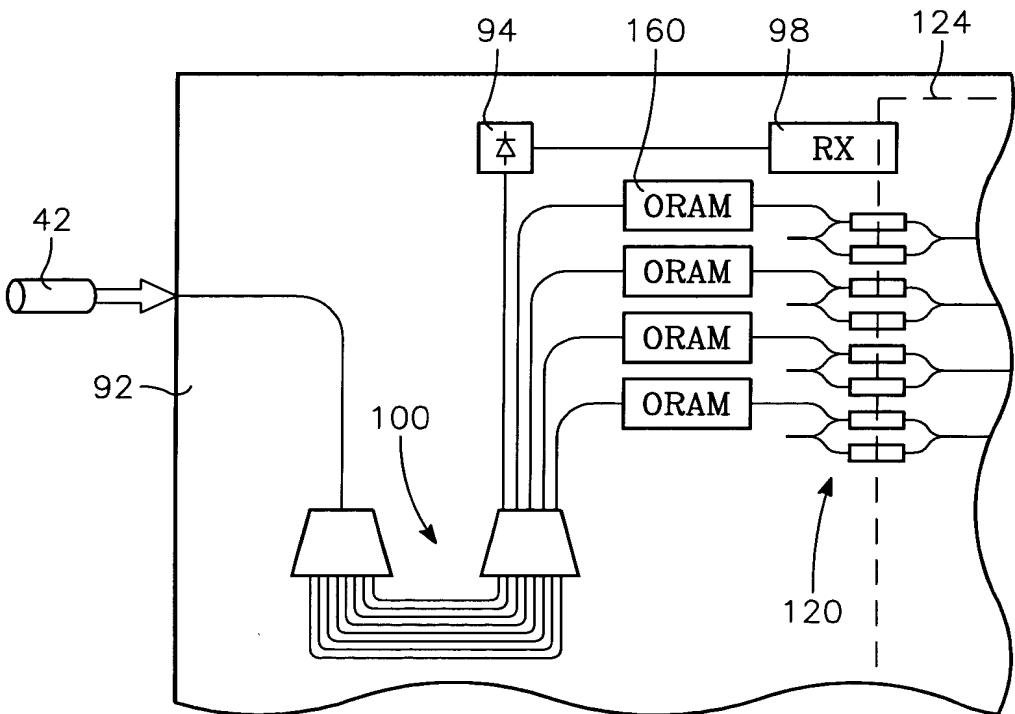


FIG. 19

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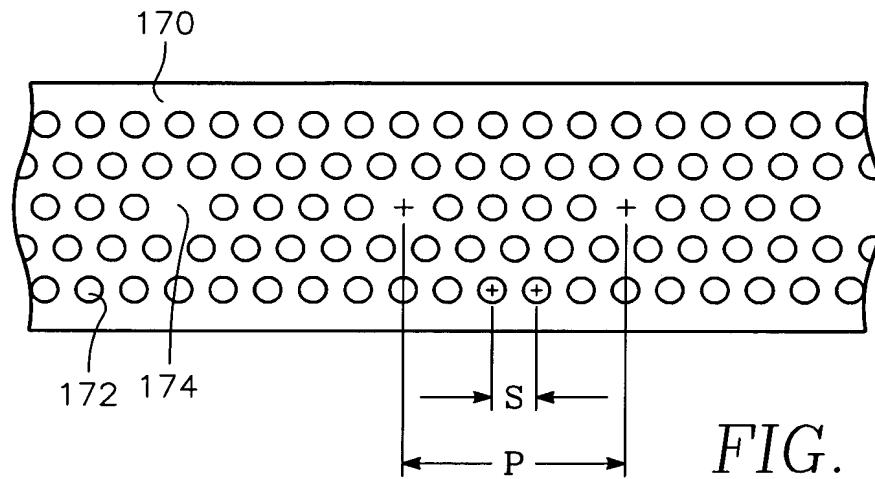


FIG. 20

FIG. 21

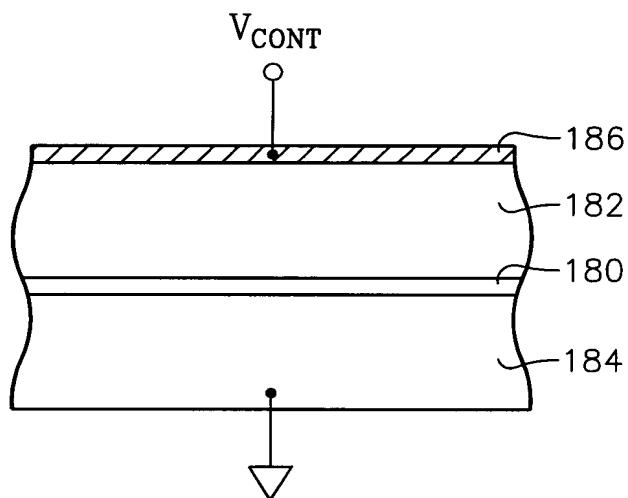
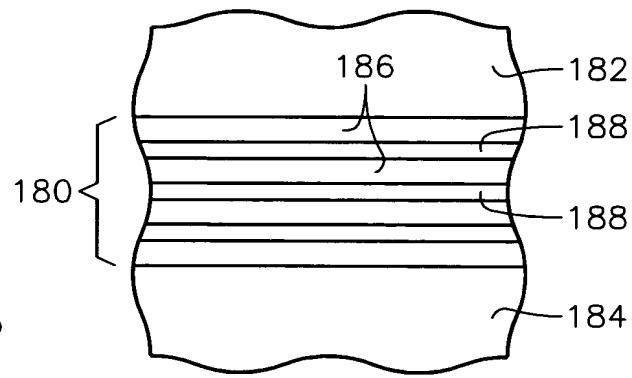


FIG. 22



INTEGRATED OPTICAL ROUTER
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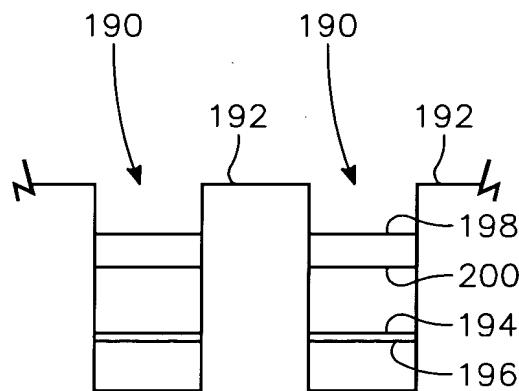


FIG. 23

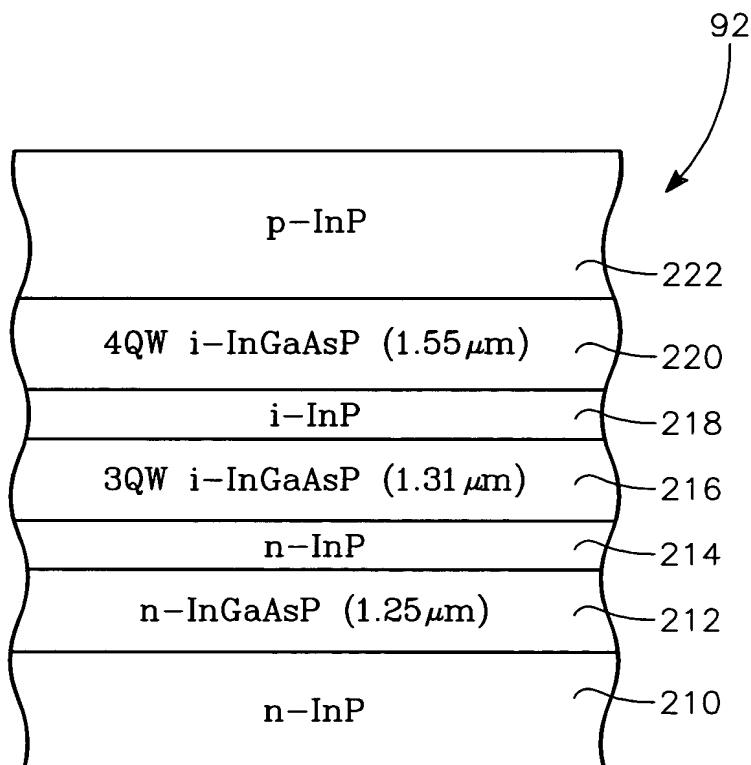


FIG. 26

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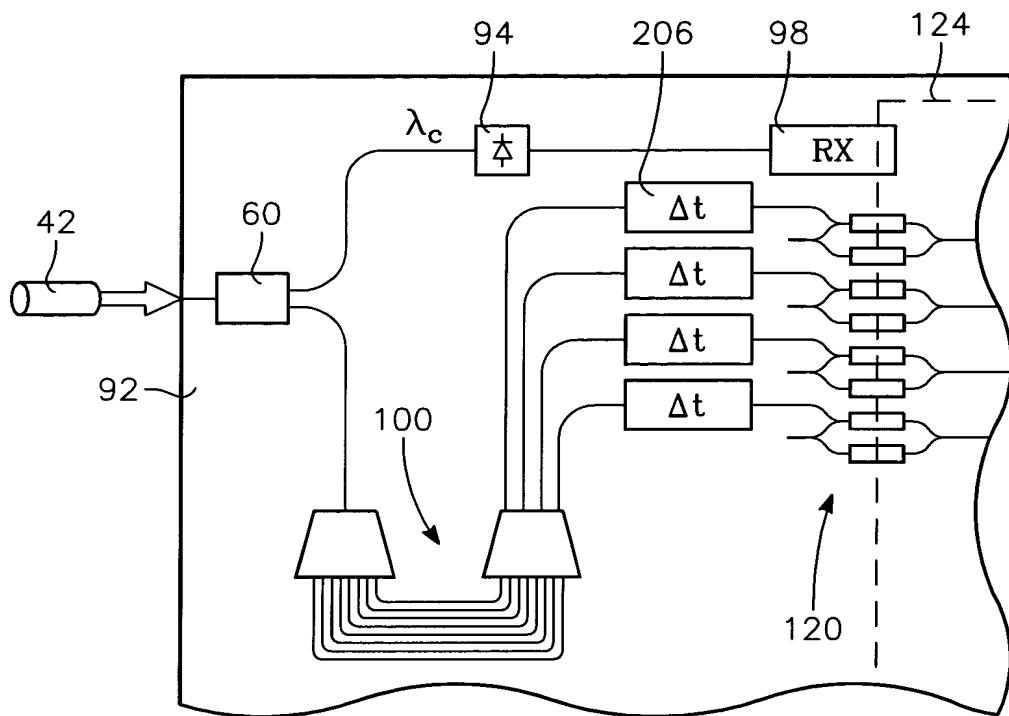


FIG. 24

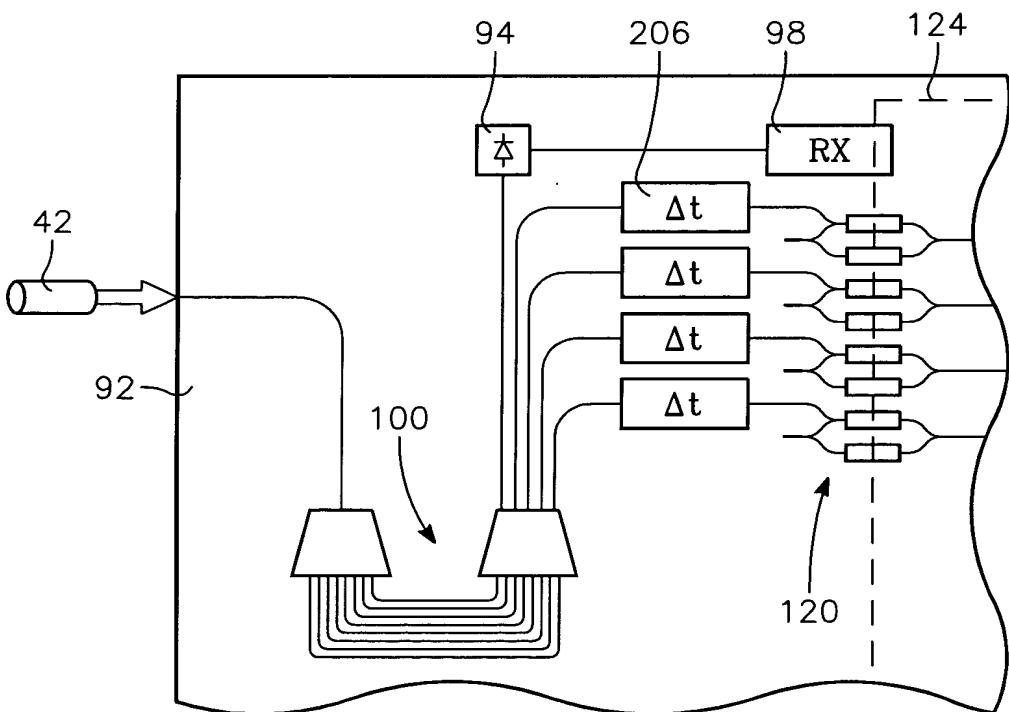


FIG. 25

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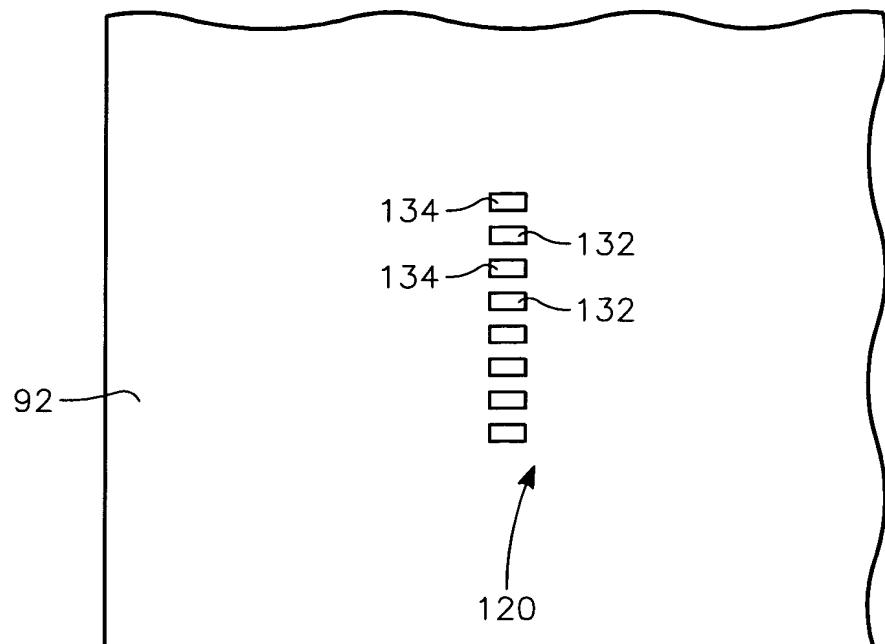


FIG. 27

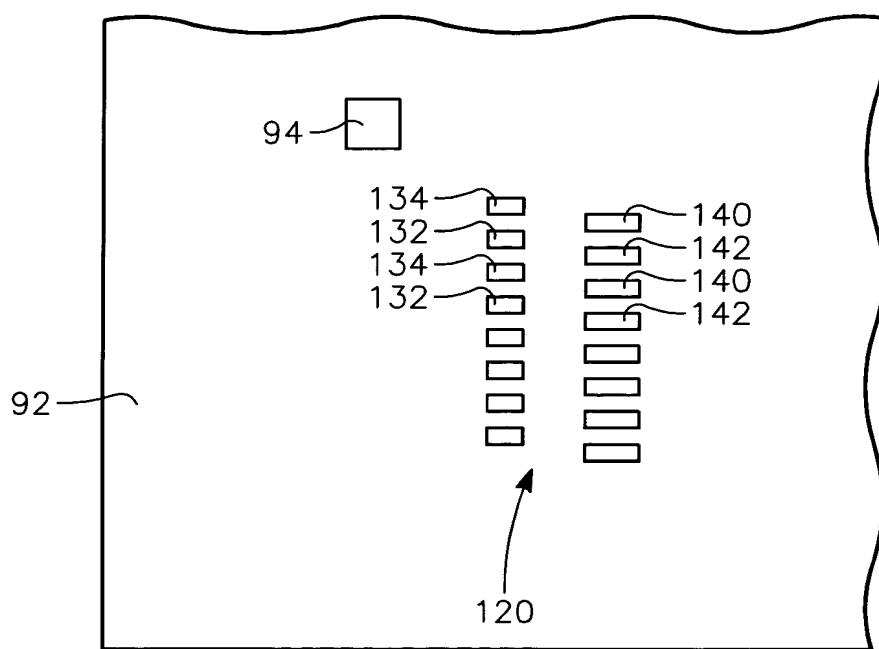


FIG. 28

INTEGRATED OPTICAL ROUTER
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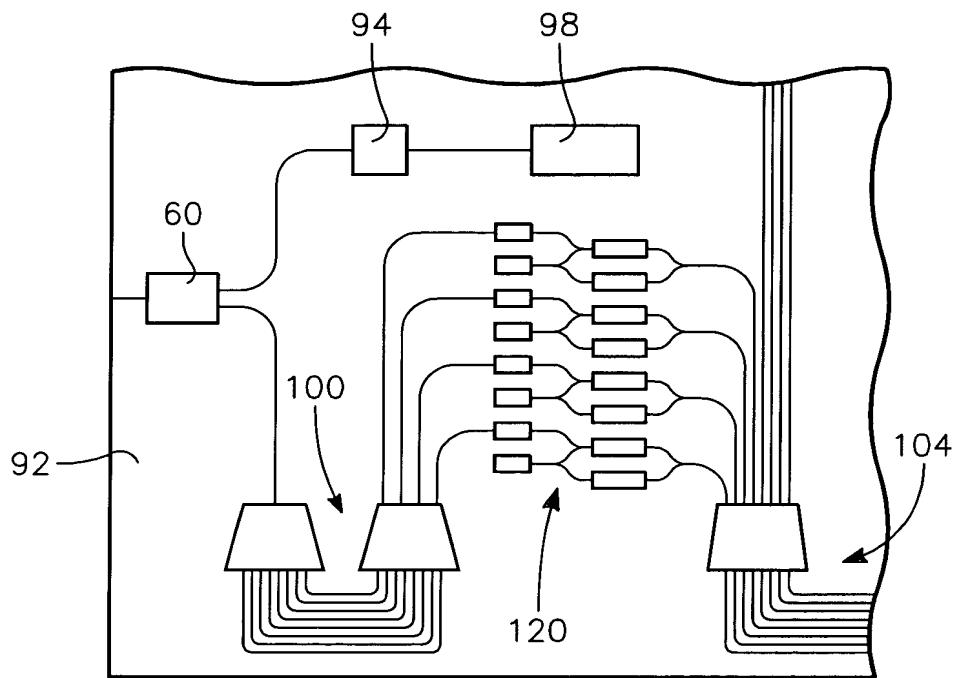


FIG. 29

INTEGRATED OPTICAL ROUTER
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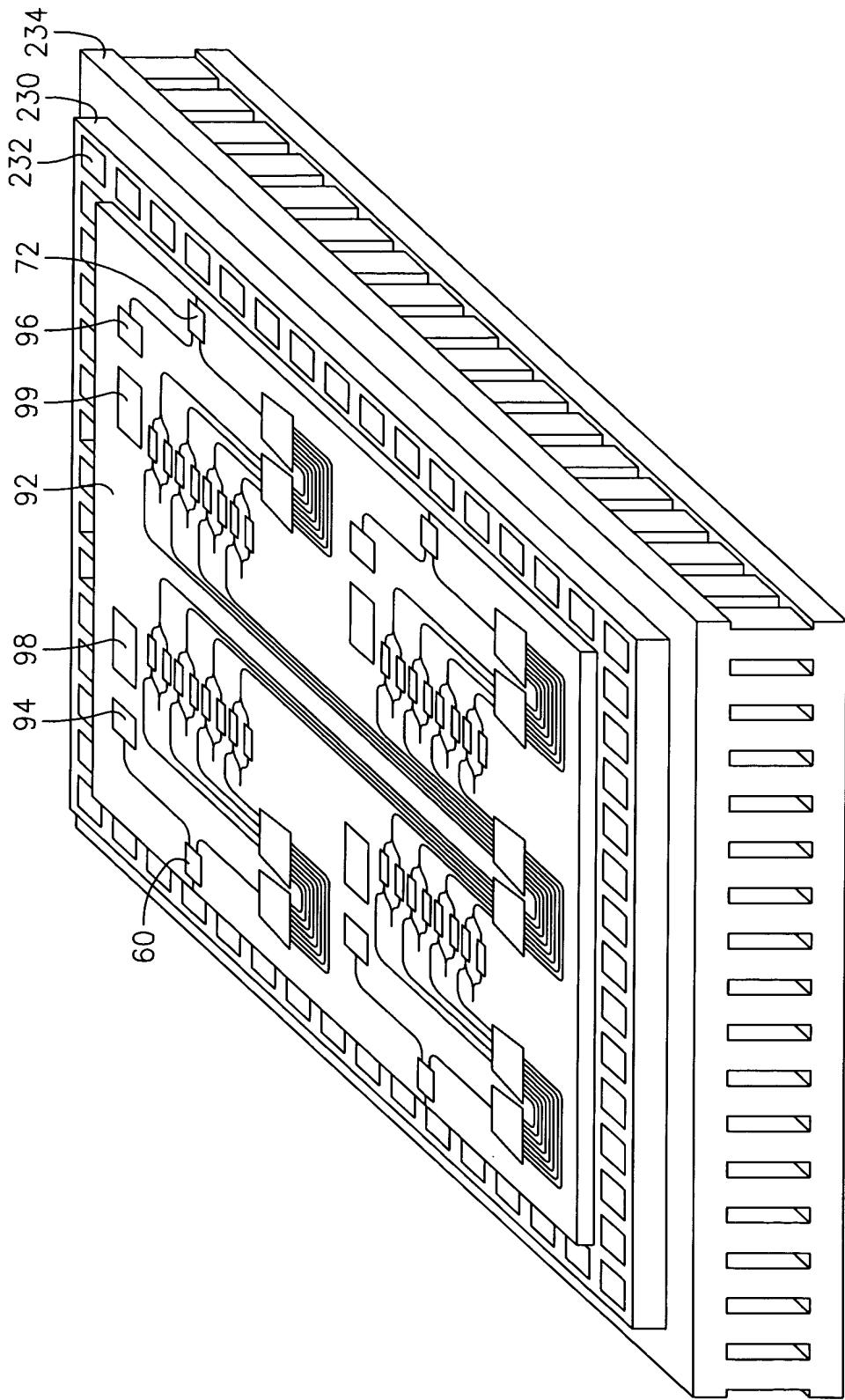


FIG. 30

INTEGRATED OPTICAL ROUTER
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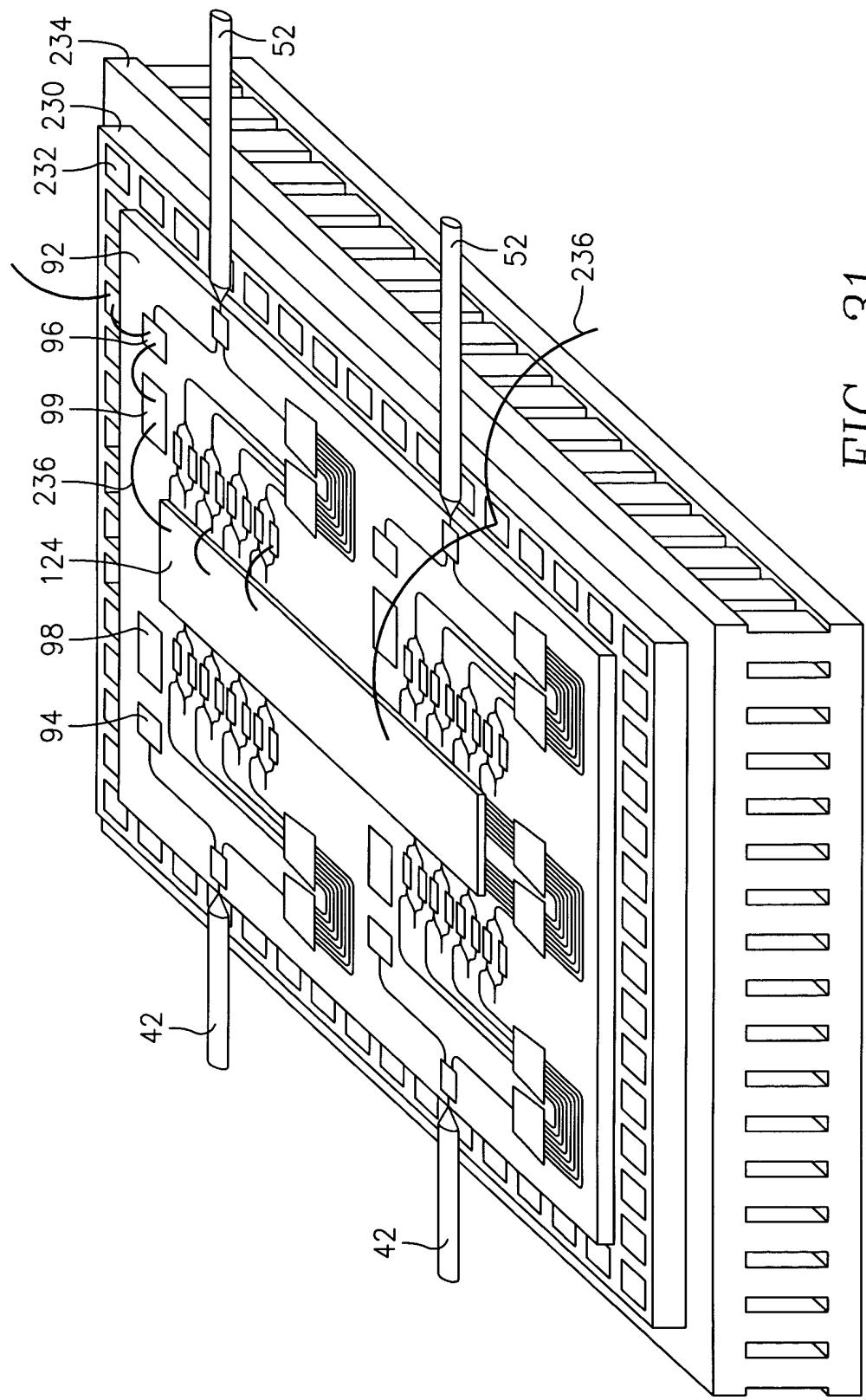


FIG. 31

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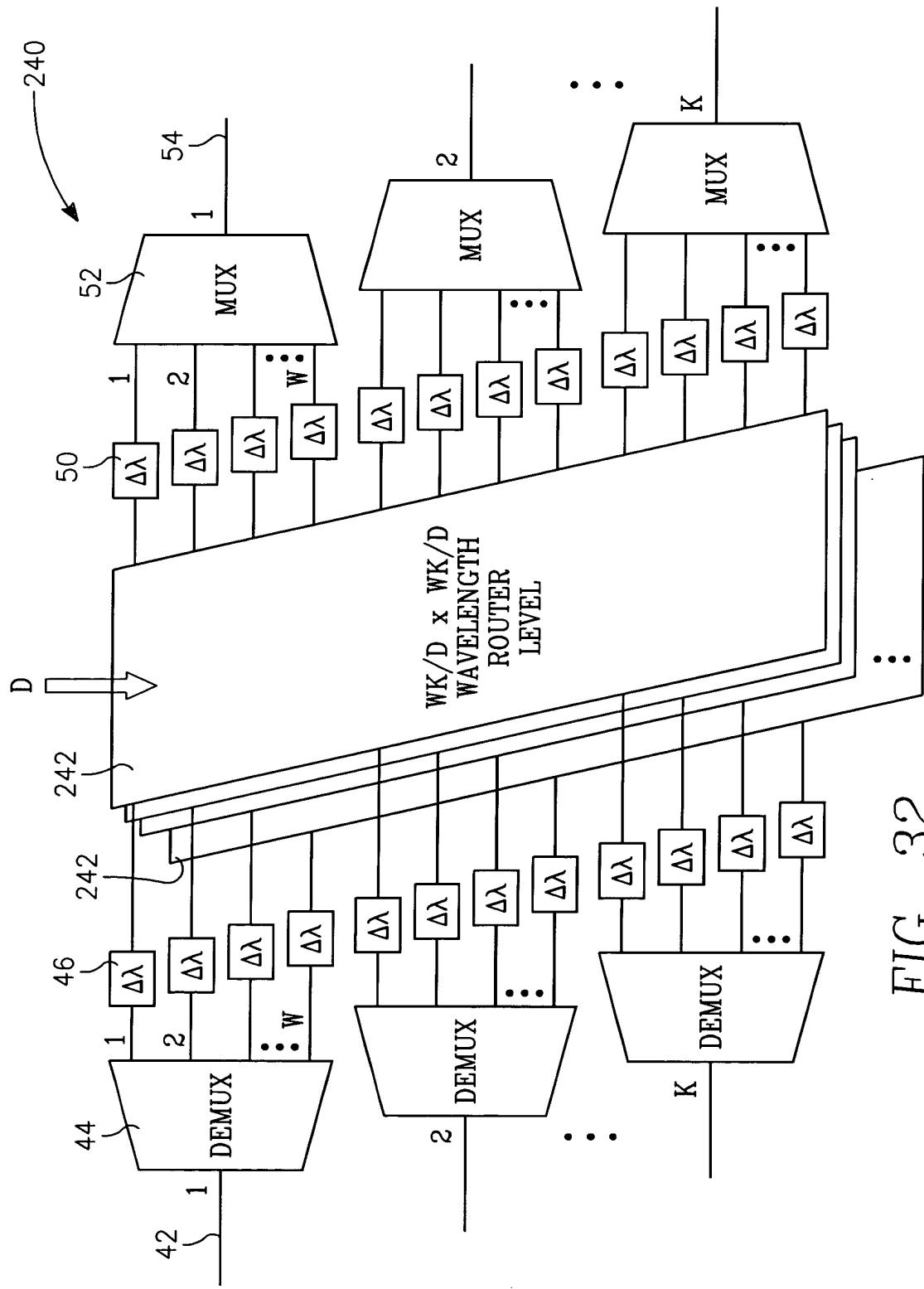


FIG. 32

INTEGRATED OPTICAL ROUTE
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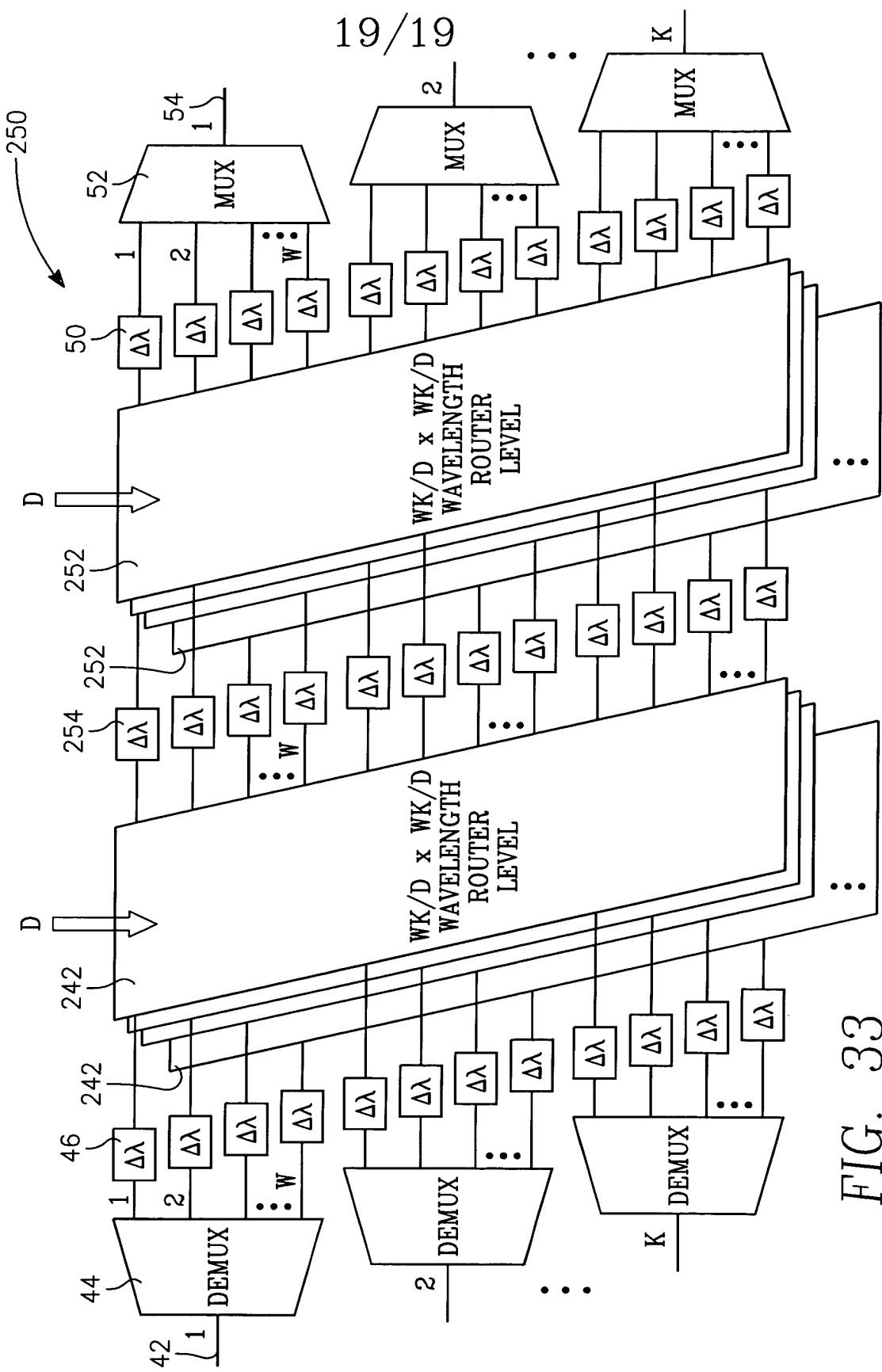


FIG. 33